

II. Amendments to the Claims

This listing of claims replaces without prejudice all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A flexible shoe assembly for use in a molding system comprising:

a body for supporting a load; and

a force redirector;

said body having (i) an upper wearing surface configured to for slideably engage engaging a complimentary surface of a supported member, and (ii) a lower mounting surface configured to engage engaging a complementary surface within said molding system and providing positioning and adjustment of said shoe assembly during installation, and

said force redirector being disposed in said body in a plane below said upper surface and configured to redirect for redirecting said force from a peripheral edge of said upper surface to a central force area in said body.

2. (Withdrawn) A shoe as in claim 1 further comprising,

a load distributor disposed in a place above said force redirector, said load distributor distributing a load across said upper surface and maintaining said upper surface relatively flat under loading.

3. (Withdrawn) A shoe as in claim 2 wherein, said load distributor is formed on said upper surface.

4. (Withdrawn) A shoe as in claim 2 further comprising,
a wear pad; and
a wear pad retainer formed in said upper surface;
said wear pad mounted by said wear pad retainer on said upper surface
wherein said load distributor is formed on a lower surface of said wear pad.

5. (Withdrawn) A shoe as in claim 3, wherein said load distributor is a series of stepped notches.

6. (Withdrawn) A shoe as in claim 3, wherein said load distributor is a contoured recess.

7. (Original) A shoe as in claim 1, wherein said force redirector provides pivotal movement of said upper surface.

8. (Currently Amended) A shoe as in claim 7 wherein, said force redirector comprises is a pair of slots in said body forming a web interconnecting an upper support member and a lower support member.

9. (Currently Amended) A shoe as in claim 7 wherein, said force redirector comprises is a slot forming a web interconnecting an upper support member and a lower support member.

10. (Currently Amended) A shoe as in claim 8 further comprising:
a first flexation stop disposed in one of said pair of slots between said upper support member and said lower support member; and
a second flexation stop disposed in a second of said pair of slots between said upper support member and said lower support member, said first flexation stop and said second flexation stop limiting pivotal movement of said upper support.

11. (Original) A shoe as in claim 9 further comprising a flexation stop disposed in said slot between said upper support member and said lower support member, said flexation stop limiting pivotal movement of said upper support.

12. (Withdrawn - Currently Amended) A shoe as in claim 1, wherein said wear pad retainer comprises (i) is a first edge lip formed at a first peripheral edge of said upper surface of said body, and (ii) a second edge lip formed at a second peripheral edge

of said upper surface of said body, said first edge lip and said second edge lip engaging respective ends of said wear pad and releasably retaining said wear pad with said shoe.

Claims 13-26 (Cancelled)

27. (Previously Presented) A flexible shoe assembly as in claim 1 wherein said body includes at least one fixation bore extending lengthwise through a lower support of said body.

28. (Currently Amended) A flexible shoe assembly as in claim 1 wherein said complementary surface of said lower mounting is configured to engage engages a surface of a bore in a platen within said molding system.

29. (Previously Presented) A flexible shoe assembly as in claim 28 wherein said bottom surface is semi cylindrical.

30. (Previously Presented) A shoe as in claim 28, wherein said force redirector provides pivotal movement of said upper surface.

31. (Previously Presented) A flexible shoe assembly as in claim 28 wherein said body includes at least one fixation bore extending lengthwise through a lower support of said body.

32. (Previously Presented) A shoe as in claim 29, wherein said force redirector provides pivotal movement of said upper surface.

33. (Previously Presented) A flexible shoe assembly as in claim 29, wherein said body includes at least one fixation bore extending lengthwise through a lower support of said body.

34. (Currently Amended) A flexible shoe assembly for use in a molding system comprising:

a body for supporting a load; and

a force redirector;

said body having an upper wearing surface configured to for slideably engage engaging a complimentary surface of a supported member, and
said force redirector comprising comprises a pair of slots in said body forming a web having an integral bearing surface thereon,

said force redirector being disposed in said body in a plane below said upper surface and configured to redirect ~~for redirecting~~ said force from a peripheral edge of said upper surface to a central force area in said body.

35. (Currently Amended) A flexible shoe assembly for use in a molding system comprising:

a body for supporting a load; and

a force redirector;

said body having an upper wearing surface configured to for slideably
 engage engaging a complimentary surface of a supported member, and
 said force redirector being disposed in said body in a plane below said
 upper surface and configured to redirect ~~for redirecting~~ said force from a peripheral edge
 of said upper surface to a central force area in said body, wherein
 said body including includes at least one fixation bore extending
 lengthwise through a lower support of said body.